## CLAIMS

1. **(Currently Amended)** A method of recovering transmitted symbols in a ~~the~~ receiver of a spread spectrum system, comprising: receiving a signal including multi-path components associated with ~~a~~ transmitted symbols; de-spreading successive separate portions of the received signal to provide a symbol estimate based on each multi-path component, wherein ~~at least one multi-path of the transmitted symbol is contained in separate portions,~~ the de-spreading step ~~further comprising~~ comprises determining ~~a~~ at least one partial estimate of ~~the~~ at least one transmitted symbol for an ~~the~~ at least one partial multi-path component ~~based on each part of the multi-path~~ contained in a ~~each~~ separate portion; and summing the ~~said~~ partial estimates of separate portions corresponding to a same transmitted symbol.

2. **(Currently Amended)** The method of claim 1 further comprising the step, after de-spreading each separate portion, of storing any partial estimates.

3. **(Currently Amended)** The method of claim 2 further comprising the step, on de-spreading each portion, of retrieving any stored partial estimate associated with a symbol ~~multi-path~~ in the current portion.

4. **(Original)** The method of claim 3 wherein the retrieved partial estimate is used in the summing step.

5. **(Currently Amended)** The method of ~~of~~ claim 1 further including the step of sampling the received signal at successive time intervals thereby generating the successive separate portions of the received signal.

6. **(Currently Amended)** The method of claim 5 further comprising the step of estimating a timing error of the received signal, wherein the successive separate portions of the received signal are time adjusted to compensate for the timing error prior to de-spreading.

7. **(Currently Amended)** The method of claim 6 wherein the successive separate portions of the received signal are stored in a sample memory.

8. **(Currently Amended)** The method of claim 7 wherein the successive separate portions of the received signal have a length of more than one symbol period.

9. **(Currently Amended)** The method claim 8 wherein the successive separate portions of the received signal have a length of two symbol periods.

10. **(Currently Amended)** In a receiver of a spread spectrum communication system, circuitry for recovering transmitted symbols, comprising: sample circuitry, connected to input a received signal including multi-path components of at least one symbol, for sampling successive separate portions of the received signal; de-spreading circuitry, connected to receive the successive separate portions of the received signal and for outputting a symbol estimate by ~~, wherein at least one multi-path of the transmitted symbol is contained in separate portions;~~ determining at least one ~~a~~ partial estimate of ~~the~~ at least one transmitted symbol for an ~~the~~ at least one partial multi-path component based on each part of the ~~multi-path~~ contained in a ~~each~~ separate portion; ~~and~~ the de-spreading circuitry comprising summing circuitry for summing the ~~said~~ partial ~~estimated~~ estimates of separate portions corresponding to a same transmitted symbol to produce a full estimate.

11. **(Currently Amended)** The circuitry of claim 10 further including a memory for storing the partial estimates, wherein at the end of processing each successive separate portion of the received signal any partial estimates are stored in said memory.

12. **(Original)** The circuitry of claim 11 further including a symbol memory, wherein each full estimate is stored in the symbol memory.

13. **(Currently Amended)** The circuitry of any claim 12 wherein the sample circuitry includes a sample memory, wherein the successive separate portions of the received signal are stored in the sample memory.

14. **(Original)** The circuitry of claim 13, further including timing error detection and estimation circuitry for determining an error in the timing position of the received signal, wherein the timing position of the received signal is adjusted responsive to said error prior to de-spreading.

15. **(New)** A method of recovering transmitted symbols in a receiver of a spread spectrum system, comprising: receiving a signal including multi-path components associated with transmitted symbols; de-spreading successive separate portions of the received signal to provide a symbol estimate based on each multi-path component, wherein at least one complete multi-path component of the transmitted symbol is contained in a separate portion, the de-spreading step further comprising determining at least one partial estimate of at least one transmitted symbol for an at least one partial multi-path component contained in the separate portion; and summing the partial estimates of separate portions corresponding to a same transmitted symbol.

16. **(New)** In a receiver of a spread spectrum communication system, circuitry for recovering transmitted symbols, comprising: sample circuitry, connected to input a received signal including multi-path components of at least one symbol, for sampling successive separate portions of the received signal; de-spreading circuitry, connected to receive the successive separate portions of the received signal and for outputting a symbol estimate, wherein at least one complete multi-path component of a transmitted symbol is contained in a separate portion; determining at least one partial estimate of at least one other transmitted symbol

for an at least one partial multi-path component contained in the separate portion; and summing circuitry for summing the partial estimates of separate portions corresponding to a same transmitted symbol to produce a full estimate.